
Vcl. 30

1955

No. 1

BULLETIN

**Holmes Junior College
and
Agricultural High School**

Goodman, Mississippi

FORTY-FOURTH SESSION
BEGINS MONDAY, SEPTEMBER 5, 1955

EDUCATION IS TRAINING FOR COMPLETE LIVING

Vol. 30

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EDUCATION IS TRAINING FOR COMPLETE LIVING

BOARD OF TRUSTEES

G. H. McMorrough, President.....Lexington
B. W. Humphrey.....Ebenezer
Frank Eakin.....Thornton
Ras. M. Branch.....Goodman
L. R. Thompson, Secretary.....Lexington
Frank Lovell (Carroll County).....Carrollton
Ralph L. Ray.....Tchula

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LONNIE BOATWRIGHT

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W. R. Clinton.....Durant
Shelby Parker.....Pickens
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C. C. Wade.....Cruger

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CALENDAR 1955-1956

September 5, Monday, 8:00 A. M.	Registration
September 6, Tuesday, 8:00 A. M.	Classification
September 8, Thursday, 8:00 A. M.	Classes Begin
November 23-28	Fall Holidays
December 16 - January 2	Christmas Holidays
January 18 - 20	Mid-term Examinations
January 23	Second Semester Begins
March (Date to be determined by time of M. E. A.)	Spring Holidays
May 18 - 25	Final Examinations
May 24	Commencement

BOARD CALENDAR 1955-1956

Board is charged by month of four weeks.

September 5, Monday	First Month
October 3, Monday	Second Month
October 31, Monday	Third Month
November 28, Monday	Fourth Month
January 9, Monday	Fifth Month
February 6, Monday	Sixth Month
March 5, Monday	Seventh Month
April 2, Monday	Eighth Month
April 30, Monday	Ninth Month

OFFICERS OF ADMINISTRATION

1955-1956

Clarence W. Lorance.....President
G. J. Everett.....Registrar
Frank B. Branch.....Principal of High School
Stanley F. Allen.....Business Manager
H. H. Burkes.....Dean of Men
Mrs. Mabel Bingham.....Dean of Women
E. W. Wilson.....Dean and Guidance

COMMITTEES OF THE FACULTY

Credits and Curriculum:

Mr. Everett, Mr. Wilson, Mr. Carr, Mr. Thomas, Mr. Estep,
Mr. Merritt, and Mr. Burkes.

Discipline:

For Men: Mr. Thomas, Mr. Branch, Mr. Carr, Mr. Burkes,
and Mr. Estep.

For Women: Mrs. Bingham, Miss Van Osdel, Miss Montague,
Miss Thomas, and Miss Peebles.

Library:

Mrs. Montague, Miss Van Osdel, and Miss Peebles.

Campus and Buildings:

Mr. Almond, Mr. Thomas, and Mr. McBride.

Publications and Publicity:

Mr. Almond, Miss Van Osdel, and Mrs. Montague.

Religious Activities:

Mrs. Mansell, Miss Montague, and Mrs. Jacob.

Faculty

INSTRUCTIONAL STAFF

Clarence W. Lorance, B. A., M. A. President

B. A., 1926, Mississippi College,
M. A., 1939, Peabody College,
1947 Summer School, University of Alabama.

S. F. Allen, B. A., M. A. Commerce

B. A., 1926, North Georgia College,
M. A., 1933, Columbia University,
Summer 1927, Emory University,
Two terms, 1930, University of Virginia
1932-33-34, College of William and Mary.

R. W. Almond, B. S. Agriculture

B. S., 1923, Mississippi State College,
Graduate Study, 1929, Georgia State College,
Graduate Study in Rural and Agricultural Education,
Summers 1935, 1937, 1938, Mississippi State College.

F. B. Branch, B. A., M. A. High School Principal

B. A., 1931, Mississippi College,
M. A., 1940, University of Alabama.

Mrs. F. B. Branch, B. A. French

B. A., Mississippi State College For Women,
Summers 1934, 1936, 1940, Delta State Teachers College,
Graduate Study, Summers 1932, 1946, 1947, University of Mississippi.

H. H. Burkes, B. S. Industrial Arts

B. S., 1952, Mississippi State College,
Summer School, 1953, Mississippi State College.

Gordon L. Carr, B. S., M. E. Coach and Math.

B. S., 1949, Millsaps College,
M. E., University of Mississippi.

Burton C. Estep, B. S., M. B. E. Commerce

B. S., 1951, East Tennessee State,
M. B. E., 1954, University of Mississippi.

G. J. Everett, B. A., M. A. Education

B. A., 1924, State Teachers College,
M. A., 1929, George Peabody College.

Mrs. G. J. Everett, B. A. High School English and Geography

B. A., 1929, George Peabody College,
Graduate Study, Summers 1928, 1929, George Peabody College.

- C. F. Moore.....Radio
Mississippi State College.
- R. W. Mustin, B. S.....Coach and High School History
B. S., 1950, University of Mississippi,
Graduate Study, University of Mississippi.
- Miss Lottie Peebles, B. S., M. A.....Home Economics
B. S., 1925, George Peabody College,
M. A., 1935, Columbia University,
Summer 1939, Iowa State College,
Summer 1940, University of Tennessee.
- Mrs. J. G. Jacob, B. A., M. S. Ed., M. A.....Mathematics
B. A., 1923, Grenada College,
M. S., Ed., 1938, University of Idaho,
M. A., 1950, University of Mississippi.
- Gus T. Little, B. M. E.....Band
B. M. E., 1950, Mississippi Southern.
- Mrs. C. W. Lorance, B. A.....Music
B. A., 1925, Millsaps College,
Associate Teachers' Certificate,
American Conservatory,
Piano with Silvio Scionti,
Summers 1938, 1939, George Peabody College.
- Mrs. Martha McKie, B. S., M. M.....Music
B. M., 1928, Gunn School of Music and Dramatic Arts,
M. M., 1930, Gunn School of Music and Dramatic Arts,
Graduate Study, 1932, Curtis' Class Piano,
Chicago Conservatory and Musical College,
M. M. E., Chicago Conservatory and Musical College.
- James A. Merritt, B. S., M. A.....Chemistry
B. S., 1950, George Peabody College,
M. A., 1954, George Peabody College,
Graduate Study, Vanderbilt University.
- Billie Montague, B. S., M. A.....History
B. S., 1928, State Teachers College,
M. A., 1937, University of Mississippi.
- Mrs. Billie Montague, B. S.....Librarian
B. S., 1928, George Peabody College,
B. S., In Library Science, 1934, George Peabody College.
- Miss Maude Montague, B. S., M. A.....Commerce
B. S., 1938, Mississippi State College For Women,
M. A., 1951, Peabody College.

8 HOLMES COUNTY JUNIOR COLLEGE AND A. H. S.

Van L. Stewart, B. S., M. E. Coach and Science
 B. S., 1948, Millsaps College,
 M. E., 1951, Summer, University of Mississippi.

Miss Dorothy Thomas, B. S., M. A. Physical Education
 B. S., 1949, Delta State Teachers College,
 M. A. Physical Education, 1953, Mississippi Southern College.

H. O. Thomas, B. S., M. S. Agirculture
 B. S., 1940, Mississippi State College,
 M. S., 1951, Mississippi State College.

Miss Jessie Van Osdel, B. S., M. A. English
 B. S., 1926, George Peabody College,
 M. A., 1927, George Peabody College.
 Summers, 1932, 1933, University of Chicago.

E. W. Wilson, B. S., M. S., M. E. Science
 B. S., 1937, Mississippi State College,
 M. S., 1938, Mississippi State College,
 M. E., 1951, Mississippi State College, (Guidance),
 Graduate Study, Summer 1952-53, University of Mississippi.

Mrs. E. W. Wilson, B. A. Commerce
 B. A., 1937, Belhaven College,
 Graduate Study, University of Mississippi.

NON-INSTRUCTIONAL STAFF

Mrs. Mabel Bingham Dean of Women

Miss Peggy Clark Secretary to Business Manager

Mrs. Allein Douglas Manager, Book Store

G. W. Floyd Night Watchman

B. A. McBride Superintendent of Buildings and Grounds

Mrs. B. A. McBride Asst. Manager, Book Store

Mrs. Zilpha Ellis Mansell Hostess Boys' Dormitory
 and Director of Religious Activities

Mrs. R. W. Mustin Secretary to President

Mrs. Inda Nix Dietitian

H. M. Terry, M. D. College Physician

General Information

LOCATION

Holmes Junior College is located at Goodman, Mississippi, in the eastern part of Holmes County. The town and college, located on Highway 51 eight miles south of Durant, can be reached by means of Southern Trailway Bus Lines and the Illinois Central Railway. This location is especially convenient to students from Attala, Carroll, Choctaw, Madison, Montgomery, and Yazoo Counties.

Goodman, though a small town, is well suited as the location for a junior college. Its people are proud of the school and accord its students a most cordial welcome. Through the churches—Baptist, Methodist, Presbyterian—a special effort is made to serve the students of the college and make them feel at home.

HISTORY

Holmes Junior College had its beginning in 1911 when Holmes County set aside 450 acres of land near Goodman, Mississippi, and established Holmes County Agricultural High School. It remained a high school until 1925 when one year of college work was added. After three years of experiment, the superintendent and the Board of Trustees added a second year of college work, making the school a full-fledged junior college in 1928.

Holmes County has been entirely responsible for the development of the plant which is now valued at more than \$1,000,000.00, and it also provides a major portion of the local financial support of the school. Carroll County makes a contribution to this financial support in order that students from that county may attend Holmes Junior College without paying tuition. The state, through legislative appropriations, has assumed an increasing responsibility for the support of junior colleges of the state. Thus, through local and state cooperation, Holmes Junior College has come to take its place among the best junior colleges in the state system.

PURPOSE

The purpose of Holmes Junior College is to serve the young people of its area by providing a well-balanced school program. It offers a broad curriculum which provides two full years of academic work leading to various degrees when transferred to the senior college. For those who do not plan to continue beyond the junior college level, it seeks to provide vocational courses of a terminal nature. In addition to these, it provides a varied extra-curricular program which, integrated with its academic and vocational programs, will tend to produce well-rounded personalities fitted to fill their respective places in a democratic society.

SCHOOL PLANT

The campus of Holmes Junior College, beautifully landscaped with shrubs and trees, is located on the highest peak in the area of about twenty-five square miles. In this setting are to be found two dormitories for women; three dormitories for men; and one for married couples; the Administration Building in which are located the administrative offices, a number of class rooms, and the auditorium; a classroom building; the Home Economics Building; Vocational Building (housing shops, laundry and dry cleaning plant); the dining hall, the canteen and bookstore; the gymnasium; the band hall; and the athletic field.

Adjacent to the campus is the farm which, in addition to providing the dairy herd, hogs, vegetables, and feed crops, serves as a laboratory for the Agriculture Department.

LIBRARY

The library is centrally located on the second floor of the Administration building. Through the use of funds provided by the Mississippi Legislature, it has just been recently remodeled to more than triple its size so that it provides ample space for the reading room and the annually increasing book collection.

There are now more than seven thousand volumes, exclusive of government publications and bound periodicals in the shelves. In addition, many federal and state bulletins, unabridged dictionaries, encyclopedias and general works of various sorts are provided for the use of all students. The library subscribes to between seventy and eighty current magazines and daily and weekly newspapers, which provide current information on the affairs of the world and recreational reading material.

An annual budget, based on the enrollment, is adequate to keep up replacements and provide for the addition of new materials and books year by year.

Students are urged to use these facilities as extensively as schedules will permit for both recreational and informational reading.

Current magazines and newspapers are not to be taken from the library. Books placed on reserve may be checked out just before closing time and must be returned at the next opening hour. All other books may be checked out for a period of one week and may be renewed for an additional week at the discretion of the librarian.

ACCREDITATION

The High School Department of Holmes Junior College is fully accredited by the High School Accrediting Commission of the State of Mississippi and by the Southern Association of Colleges and Secondary Schools.

The College Department is accredited by the Junior College Commission of the State of Mississippi and by the Southern Association of Colleges and Secondary Schools. It is also a member of the American Association of Junior Colleges.

EXPENSES

Monthly Expenses for Boarding Students from Holmes and Carroll Counties:

Room and Board	\$29.50
Medical Fee	.50
Laundry	3.00

Total cost per month of four weeks	\$33.00
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Monthly Board Expenses for Other Boarding Students:

Room and Board	\$29.50
Medical Fee	.50
Laundry	3.00
Maintenance Fee	5.00

Total cost per month of four weeks	\$38.00
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A registration fee of \$9.50 per semester is charged to all students in addition to the above stated expenses.

LABORATORY FEES

(Per Semester)

Science:

Zoology	\$5.00
Chemistry	5.00
Botany	5.00
Physics	5.00
Home Economics (Per course)	2.00
Agriculture (Per Laboratory course) other than Shop	2.00
Agri. Ed. 13 (Shop) Three semester hours	5.00
Agri. Ed. 14 (Shop) Three Semester hours	5.00
I. Ed. 11, 12, 14, and 15	Each 5.00

SUPPLEMENT 11-A

HOLMES COUNTY JUNIOR COLLEGE AND A. H. S.

All expenses are due and payable in advance. Payments are accepted by the month, by the semester, or for the entire year. Since board is furnished at an exceptionally low rate, no refund will be made except for a two week period. If a student is out of the dormitory one week, no refund will be made. If a student is out three weeks, one-half month's board and laundry will be refunded. If absent longer, adjustments will be made in proportion to the above schedule. No refunds on laboratory fees will be made after a student actually begins laboratory work. Students who have visitors on the campus will be required to pay for meals at the rate of one dollar per day after the first day.

For Non-Boarding Students from Holmes and Carroll Counties:

Registration Fee (per semester).....\$ 6.50

For All Other Non-Boarding Students:

Registration Fee (per semester).....\$6.50

Maintenance Fee (per month for four weeks)..... 5.00

MAINTENANCE FEE

For students living outside the Continental United States, there will be a charge of \$100 per school year in lieu of the maintenance fee as stated above.

SPECIAL DEPARTMENT FEES

Piano (per four weeks).....\$5.00
Voice (per four weeks)..... 5.00
Expression (per four weeks)..... 5.00
Graduation Fee (High School)..... 5.00
Graduation Fee (College) 6.00
Commerce (one or more courses, per semester)..... 5.00
Late Registration Fee..... 2.00

SELF-HELP OPPORTUNITIES

Based on financial need, opportunities are offered deserving young ladies and young men to help defray school expenses. Jobs are available in the cafeteria, the dormitories, and other buildings on the campus. In addition to these, office work is available to those who have had some previous training in that type of work.

Those students who are interested in any of these jobs should make application directly to the President.

GENERAL REGULATIONS

1. Gambling, drinking, possession of intoxicants, and fire-arms are prohibited.

2. Cooking in rooms is not allowed.

3. Boarding students are not allowed to keep automobiles or motorcycles on the campus, unless they have permission from the administration.

4. All boarding students are required to send their laundry to the college laundry. All articles to be laundered should be marked with the full name of the owner.

ROOM AND ROOMMATES

Rooms in the dormitories are furnished with single beds, dressers, chairs, and tables. Students are accountable for the care of the rooms and the furnishings in them. Each student is expected to supply his own linens.

One's roommate is much more to be considered than his room. The authorities are willing for one to select his own roommate. Should that preference prove unwise, a change can be arranged.

MEDICAL ATTENTION

A nominal medical fee is charged, for which we are able to provide the services of a competent physician. This fee, however, does not provide for medicines prescribed by the physician. In case of serious illness, the parents are notified. In emergencies, the school will assume the responsibility of getting students to the nearest hospital, but will not assume the hospital expense.

LAUNDRY

The college owns and operates its own laundry on a non-profit basis. Thus we are able to give our students excellent laundry service at a minimum cost.

BOOKS

Books and supplies may be purchased from the book store located in the Student Recreation Building. Both new and second-hand books are available. The book store will buy books from students at a reasonable discount, depending upon the care that has been taken in the use of the books.

By careful buying and use of book, the cost may be kept at a minimum.

STUDENT PUBLICATIONS

The Paper—"The Growl"

The College Paper—"The Growl"—Suggested by our teams known as "Bulldogs" has won its way into the lives of our students and friends and each one eagerly awaits the following issue. Through the columns of the school paper, the students find chance to learn the art of news writing at close range. In accordance with an amendment to the constitution of the Student Body Organization, a subscription price of 75 cents per semester will be collected through the business office.

College Annual

"The Horizons," published for the first time during the session of 1928-'29, is a credit to the institution and to those who make it a success. It's a beautiful book and in years to come will remind every one of those good friends and pleasant experiences of college days.

ATHLETICS

Our athletic program includes football, basketball, baseball, tennis and track.

Students representing the school in athletic contests are expected to do satisfactory class work and to conform to all regulations of the Junior College Association, of which this school is a member.

The school also provides a well organized physical education program for girls.

BAND

One of the most enjoyable and profitable activities for our students is work with the band. Every effort is being made to make our band one of the best in the state. To this end, we are offering a limited number of scholarships for key personnel. Every student who has had any previous training, or who is definitely interested, should become a part of this organization.

CHOIR AND GLEE CLUB

The Holmes Junior College Choir (mixed group) and the Girls' Glee Club are two of the most active organizations on the campus. These clubs, under the direction of Mrs. Martha McKie, present annual cantatas and concerts and participate in the annual choir festivals. Every spring the groups present programs of sacred music at churches of neighboring towns.

Smaller groups—trios, quartets, sextets, and octettes—are chosen from the Choir and Glee Club and give programs to the various groups and high school assemblies throughout our area. In addition to providing entertainment for these various organizations, it provides excellent training for our young people.

Regular meetings are held every week, and one hour credit is given each semester.

RELIGIOUS ACTIVITIES

Holmes Junior College is a state supported institution, and is, therefore non-sectarian. It, however, believes in the full development of the spiritual nature of its students. They are encouraged and urged to take part in the Christian organizations on the campus, as well as to participate in the services of the local churches.

Religious training is obtained through participation in the Student Christian Association, a non-denominational organization of students under the leadership of faculty sponsors. Through the twilight prayer groups, bi-weekly Morning Watch services, Sunday Vespers, denominational group meetings, the bulletin board "Daily Thoughts," and the personal service rendered by the prayerfully chosen Student Christian Association Cabinet Members, the organization touches the lives of all of the students on the campus. An effort is made to include every student capable of leadership or interested in any phase of religious development in the varied programs presented during the year. Upon registration, the student is given an opportunity to become a member of the Student Christian Association, or if the student becomes a member of any denominational group, he is automatically a member of the Student Christian Association. The denominational groups on the campus work in cooperation with the local churches and under their supervision.

SOCIAL LIFE

Adequate provision is made for the social development of our students through both formal and informal occasions planned by a joint committee of the students and faculty. All parties, dances and other entertainment are so planned that they do not interfere with the school work; yet, they provide for the social development of the students.

Scholastic Regulations

EXAMINATION AND CLASSIFICATION

Two regular examinations will be held during the session—one at the close of each semester. Tests will be given and grade cards turned into office at close of each six weeks. Special examinations on subjects conditioned in our school will be given before the seventh week of the session. The basis of classification with minimum units needed is as follows: Tenth grade, 3 units; eleventh grade, 7 units; twelfth grade, 11 units; freshman college, 15 units; sophomore college, 26 semester hours. The classification applies to the record of the student at the beginning of the session. Exceptions may be made at mid-term in case of students who have a chance and expect to graduate at the following commencement.

GRADING

Grading will be made in letters A, B, C, D, as passing grades E as conditional and F as failing. On a percentage basis grades may be interpreted as follows: A—95 and above; B—89 to 94; C—79 to 88; D—70 to 78; E—60 to 69; F—Below 60. Daily grades count largely in final averages. A grade of E indicates a character of work that is not satisfactory, but which may be changed to a passing grade without repeating the course. This means that an additional amount of work together with another examination may be required.

HONOR POINTS

- 3 Honor points for each semester hour with A grade.
- 2 Honor points for each semester hour with B grade.
- 1 Honor point for each semester hour with C grade.

College students who earn 2.7 honor points for each semester hour will be graduated with "Special Honors." One who earns 2.4 will be graduated with "Honors." High School students who average 24 honor points for each year in attendance will be graduated with "Special Honors" and those who average 16 for each year in attendance will be graduated with "Honors." No student having more than 10 reprimands will be graduated with honors.

A student who graduates with an average of "D" or less than 60 honor points is not recommended for further college work.

REPORTS

A report of the student's work is made to the student and parents at intervals of six weeks. Students who desire a copy of these grades should make a request of the registrar. After one copy has been sent, a charge of fifty cents will be made for additional copies.

ABSENCE FROM CLASS

A student should realize from the beginning that he suffers a great loss each time he is absent from class and also causes his classmates to lose time.

Students who find it necessary to be absent from any class as much as 15% must secure special permit to take examination. Students who are away representing the school in activities such as Glee Club or Athletics, have absences excused, but in all cases make-up work is insisted upon, and in case of announced tests, said student should arrange with instructor before leaving to participate in such activity rather than wait until after returning.

Double absences are given for absences before and after stated college holidays.

HIGH SCHOOL

Admission

Students are admitted to the High School Department on the completion of the eighth grade in an accredited school. A transcript of the credits indicating an honorable withdrawal from the high school from which the transfer is made must be presented to the High School Principal at the time of enrollment.

REQUIREMENTS FOR GRADUATION

The curriculum for the High School follows that suggested by the State Department of Education. Sixteen units are required for graduation. Of this sixteen, the following are specifically

required:

English.....	4
Mathematics (Alg. I and Alg. II or Plane Geom.).....	2
Home Economics for Girls.....	2
Agriculture for Boys.....	2
Social Science (one of which must be Am. Hist.).....	2
Electives.....	5

Under special conditions, one unit in science may be substituted for home economics and agriculture. Special attention should be given college entrance requirements when selecting the electives.

As a guide for students in classifying, we group the courses as follows:

First Year

English.....	1
Mathematics.....	1
Social Science.....	1
General Science.....	1

Second Year

Algebra.....	1
English.....	1
History, World.....	1
Biology.....	1
Agriculture.....	1

Third Year

English.....	1
American History.....	1
Agriculture.....	1
Home Economics.....	1
Plane Geometry.....	1
Shorthand and Typing.....	1
Hygiene and Geography.....	1
Music.....	1
Physical Education.....	$\frac{1}{2}$
	$\frac{1}{2}$

Fourth Year

English.....	1
Algebra, 2nd year.....	1
American Government and Economics.....	1
Shorthand and Typing.....	1
Agriculture	1
Home Economics.....	1
Music.....	$\frac{1}{2}$
Physical Education.....	$\frac{1}{2}$

COLLEGE

Admission

Students are admitted to the College Department on presentation of a transcript from an accredited high school indicating graduation with not less than sixteen units which shall include the following: English, 3 units; history, 2 units; mathematics, 2 units; electives, 9 units.

REQUIREMENTS FOR GRADUATION

Every effort is made toward placing before a student the course of study in which he has a particular interest. The subject material is arranged into groups or units. Each student, under proper guidance, selects the unit of his interest and aptitude. Particular attention should be given requirements of the senior college to which the student will transfer. One-half credit necessary for graduation from senior college with a minimum of sixty-four semester hours is required for graduation at Holmes Junior College.

COURSES LEADING TO A DEGREE IN A SCHOOL OF AGRICULTURE

COURSE 1a

AG. ECONOMICS AND AG. ADMINISTRATION

First Year

First Semester

P. E. 12 Phy. Develop.....1 hr.
 Chem. 15 Inorg. Chem.....4 hrs.
 Eng. 11 English Comp.....3 hrs.
 Math. 11 Col. Algebra.....3 hrs.
 Ag. 27 Elem. Anim. Hus.
 or
 Ag. 11 Field Crops.....3 hrs.
 Ag. 23 Prin. of Ag. Econ.....3 hrs.

17 hrs.

Second Semester

P. E. 12 Phy. Develop.....1 hr.
 Chem. 16 Inorg. Chem.....4 hrs.
 Eng. 12 English Comp.....3 hrs.
 Ag. 22 Poultry.....
 or
 Ag. 20 Farm Mach.....3 hrs.
 Ag. 24 Farm Forestry.....3 hrs.
 Ag. 26 Gen. Hort.

or

Ag. 12 Dairying.....3 hrs.

17 hrs.

Second Year

First Semester

Btr. 13 Accounting.....4 hrs.
 Econ. 26 Prin. of Econ.....3 hrs.
 P. Sci. 23 U. S. Gov't.....3 hrs.
 Ag. 21 Soils.....4 hrs.
 Ag. 11 Field Crops.....
 or
 Ag. 27 Elem. of Ani. Hus. 3 hrs
 Hist. 15 American Civ.....3 hrs.

20 hrs.

Second Semester

Btr. 14 Accounting.....4 hrs.
 Ag. 26 Gen. Hort.....
 or
 Ag. 12 Dairying.....3 hrs.
 Ag. 20 Farm Mch.....
 or
 Ag. 22 Poultry.....3 hrs.
 Soc. 29 Rural Soc.....3 hrs.
 Eng. 13 Speech.....3 hrs.
 Econ. 27 Econ. Problems 3 hrs.

19 hrs.

COURSE 1b GENERAL AGRICULTURE

First Year

First Semester

P. E. 12 Phy. Develop.....1 hr.
Chem. 15 Inorg. Chem.....4 hrs.
Eng. 11 English Comp.....3 hrs.
Math. 11 Col. Algebra.....3 hrs.
Ag. 27 Elem. Anim. Hus.

or

Ag. 11 Field Crops.....3 hrs.
Ag. 23 Prin. of Ag. Econ 3 hrs.

17 hrs.

Second Semester

P. E. 12 Phy. Develop.....1 hr.
Chem. 16 Inorg. Chem.....4 hrs.
Eng. 12 English Comp.....3 hrs.
Math. 12 Trigonometry...3 hrs.
Ag. 22 Poultry.....

or

Ag. 20 Farm Mach.....3 hrs.
Ag. 26 Gen. Hort.....

or

Ag. 12 Dairying.....3 hrs.

17 hrs.

Second Year

First Semester

P. E. 12 Phy. Develop.....1 hr.
Phys. 19 Gen. Physics.....3 hrs.
Ag. 21 Soils.....4 hrs.
Hist. 15 Amer. Civ.....3 hrs.
Chem. 23 Organic Chem. 5 hrs.
Ag. 11 Field Crops.....

or

Ag. 27 Elem. of Ani. Hus 3 hrs.

19 hrs.

Second Semester

P. E. 12 Phy. Develop.....1 hr.
Eng. 13 Speech.....3 hrs.
Ag. 20 Farm Mach.....
or
Ag. 22 Poultry.....3 hrs.
Ag. 24 Farm Forestry...3 hrs.
Soc. 29 Rural Soc.....3 hrs.
Bot. 12 Gen. Bot.....3 hrs.
Ag. 26 Gen. Hort.....

or

Ag. 12 Dairying.....3 hrs.

19 hrs.

COURSE 1c AGRICULTURE EDUCATION

First Year

First Semester

P. E. 12 Phy. Develop.....1 hr.
 Eng. 11 English Comp.....3 hrs.
 Chem. 15 Inorg. Chem.....4 hrs.
 Math. 11 Col. Algebra.....3 hrs.
 Ag. 27 Elem. Anim. Hus.

or

Btr. 26 Business Corr.....3 hrs.
 Ag. 23 Prin. of Ag. Econ 3 hrs.

 17 hrs.

Second Semester

P. E. 12 Phy. Develop.....1 hr.
 Eng. 12 English Comp.....3 hrs.
 Chem. 16 Inorg. Chem.....4 hrs.
 Ag. 22 Poultry.....

or

Soc. 29 Rural Soc.....3 hrs.
 Ag. 24 Farm Forestry.....3 hrs.
 Ag. 26 Gen. Hort.....

or

Ag. 12 Dairying.....3 hrs.

 17 hrs.

Second Year

First Semester

Pol. S. 23 U. S. Govt.....3 hrs.
 Ag. 21 Soils.....4 hrs.
 Hist. 11 Early World.....3 hrs.
 Zoo. 11 Gen. Zoo.....3 hrs.
 Mus. 17 Music App.....3 hrs.
 Btr. 26 Business Corr.....

or

Ag. 27 Elem. of Ani. Hus. 3 hrs.

 19 hrs.

Second Semester

Ag. 26 Gen. Hort.....

or

Ag. 12 Dairying.....3 hrs.
 Bot. 12 Gen. Bot.....3 hrs.
 Hist. 12 Modern World...3 hrs.
 Psy. 14 Human Growth
 and Develop.....3 hrs.

Eng. 13 Speech.....3 hrs.

Soc. 29 Rural Soc.....

or

Ag. 22 Poultry.....3 hrs.

P. E. 12 Phy. Develop.....1 hr.

 19 hrs.

COURSE 11

Leading to a B. A. Degree in the School of Liberal Arts for students majoring in English, History, Social Science, Mathematics, Religious Education and Journalism.

First Year

First Semester

P. E. 12 or 13 Phy. Dev.	1 hr.
Eng. 11 English Comp.	3 hrs.
Hist. 11 Early World	3 hrs.
Zoo. 11 Gen. Zoo.	3 hrs.
*Elective	6 hrs.
<hr/>	
16 hrs.	

Second Semester

P. E. 12 or 13 Phy. Dev.	1 hr.
Eng. 12 English Comp.	3 hrs.
Hist. 12 Modern World	3 hrs.
Bot. 12 Gen. Bot.	3 hrs.
*Elective	6 hrs.
<hr/>	
16 hrs.	

Second Year

First Semester

P. E. 12 or 14 Phy. Dev.	1 hr.
Eng. 21 English Lit.	3 hrs.
*Elective	12 hrs.
<hr/>	
16 hrs.	

Second Semester

P. E. 12 or 14 Phy. Dev.	1 hr.
Eng. 22 English Lit.	3 hrs.
*Elective	12 hrs.
<hr/>	
16 hrs.	

*Students planning to transfer to Denominational schools or English majors should elect Mod. L. 11, 12, 21, 22. Other electives should be chosen toward student's major or toward meeting State Department of Education requirements for teachers. Electives must be approved by student faculty adviser.

COURSE IIIa MUSIC—VOICE AND PIANO

First Year

First Semester

Eng. 11 English Comp.	3 hrs.
Mod. L. 11 French	3 hrs.
Eng. 13 Speech	3 hrs.
Mus. 13 Music Theory	3 hrs.
Mus. 13a Solfege & Dict.	1 hr.
Mus. 11 Applied Music	3 hrs.
P. E. 12 or 13 Phy. Dev.	1 hr.
<hr/>	
17 hrs.	

Second Semester

Eng. 12 English Comp.	3 hrs.
Mod. L. 12 French	3 hrs.
P. E. 18 Health	3 hrs.
Mus. 14 Music Theory	3 hrs.
Mus. 14a Solfege & Dict.	1 hr.
Mus. 12 Applied Music	3 hrs.
P. E. 12 or 13 Phy. Dev.	1 hr.
<hr/>	
17 hrs.	

Second Year

First Semester

Eng. 21 English Lit.....	3 hrs.
Hist. 11 Early World.....	3 hrs.
Mus. 17 Music Appr.....	3 hrs.
Mus. 21 Applied Music.....	3 hrs.
Mus. 23 Music Theory.....	3 hrs.
Mus. 23a Solfege & Dict.	1 hr.
P. E. 12 or 14 Phy. Dev.....	1 hr.

17 hrs.

Second Semester

Eng. 22 English Lit.....	3 hrs.
Hist. 12 Modern World.....	3 hrs.
Mus. 18 Music Edu.....	3 hrs.
Mus. 22 Applied Music.....	3 hrs.
Mus. 24 Music Theory.....	3 hrs.
Mus. 24a Solfege & Dict.	1 hr.
P. E. 12 or 14 Phy. Dev.....	1 hr.

17 hrs.

COURSE IIIb MUSIC—INSTRUMENTAL MAJOR

First Year

First Semester

Eng. 11 English Comp.....	3 hrs.
*Elective Social Science.....	3 hrs.
Eng. 13 Speech.....	3 hrs.
Mus. 13 Theory.....	3 hrs.
Mus. 13a Solfege & Dict.	1 hr.
Mus. 11 Applied Music.....	3 hrs.
P. E. 13 Phy Develop.....	1 hr.
Band.....	1 hr.

18 hrs.

Second Semester

Eng 12 English Comp.....	3 hrs.
*Elective Social Science.....	3 hrs.
P. E. 18 Health.....	3 hrs.
Mus. 14 Theory.....	3 hrs.
Mus. 14a Solfege & Dict.	1 hr.
Mus. 12 Applied Music.....	3 hrs.
P. E. 13 Phy. Develop.....	1 hr.
Band.....	1 hr.

18 hrs.

Second Year

First Semester

Eng. 21 English Lit.....	3 hrs.
Hist. 11 Early World.....	3 hrs.
Mus. 17 Hist. & Appre.....	3 hrs.
Mus. 21 Applied Music.....	3 hrs.
Mus. 23 Music Theory.....	3 hrs.
Mus. 23a Solfege & Dict.	1 hr.
P. E. 14 Phy. Develop.....	1 hr.
Band.....	1 hr.

18 hrs.

Second Semester

Eng. 22 English Lit.....	3 hrs.
Hist. 12 Modern Hist.....	3 hrs.
Mus. 18 Music Education.....	3 hrs.
Mus. 22 Applied Music.....	3 hrs.
Mus. 24 Music Theory.....	3 hrs.
Mus. 24a Solfege & Dict.	1 hr.
P. E. 14 Phy. Develop.....	1 hr.
Band.....	1 hr.

18 hrs.

COURSE IV

Leading to a B. S. Degree in Chem., Physics, Physical Science, and Biology.

First Year**First Semester**

P. E. 12 Phy. Develop. 1 hr.
 Eng. 11 English Comp. 3 hrs.
 Math. 17 College Algebra 3 hrs.
 Math. 18 Trigonometry 3 hrs.
 Chem. 15 Inorg. Chem. 4 hrs.
 *Mod. L. 11 French 3 hrs.

 17 hrs.
Second Semester

Phys. 15 Gen. Phys. 3 hrs.
 Eng. 12 English Comp. 3 hrs.
 Math. 19 Analy. Geom. 3 hrs.
 Math. 25 Diff. Calculus 3 hrs.
 Chem. 16 Inorg. Chem. 4 hrs.
 *Mod. L. 12 French 3 hrs.

 19 hrs.
Second Year**First Semester**

P. E. 12 Phy. Develop. 1 hr.
 Phys. 16 General Phys. 3 hrs.
 Math. 26 Int. Calculus 3 hrs.
 Chem. 23 Organic Chem. 5 hrs.
 *Mod. L. 21 French 3 hrs.
 *Elective 3 hrs.

 18 hrs.
Second Semester

P. E. 12 Phy. Develop. 1 hr.
 Phys. 17 General Phys. 3 hrs.
 Math. 27 Int. Calculus 11 3 hrs.
 Chem. 24 Organic Chem. 5 hrs.
 *Mod. L. 22 French 3 hrs.
 *Elective 3 hrs.

 18 hrs.

*Biology majors will take Zoo. 11-2; or Bact. 25; Pol. S. 23; Bot. 12 in place of Mod. L. 11, 12, 21, 22.

*Physics majors will take Eng. 21, 22 and Pol. S. 23 and Soc.

COURSE V**PRE-MEDICAL, PRE-DENTAL, AND TECHNICIAN****First Year****First Semester**

Eng. 11 English Comp. 3 hrs.
 Math. 11 Col. Algebra 3 hrs.
 Chem. 15 Inorg. Chem. 4 hrs.
 Zoo. 11-2 General Zoo. 4 hrs.
 *Elective 3 hrs.

P. E. 12 or 13 Phy. Dev. 1 hr.

 18 hrs.
Second Semester

Eng. 12 English Comp. 3 hrs.
 Math. 12 Trigonometry 3 hrs.
 Chem. 16 Inorg. Chem. 4 hrs.
 Zoo. 22 Vertebrate Zoo.
 or General Bact. 4 hrs.

Phys. 15 General Phys. 3 hrs.

P. E. 12 Phy. Develop. 1 hr.

 18 hrs.

Second Year**First Semester**

Chem. 23 Org. Chem.....	5 hrs.
*Phys. 16 General Phys.....	3 hrs.
Pol. Sci. U. S. Gov't.....	3 hrs.
P. E. 12 or 13 Phy. Dev.	1 hr.
*Elective.....	3 hrs.
	<hr/>
	15 hrs.

Second Semester

Chem. 24 Organic Chem	5 hrs.
*Phys. 17 General Phys.....	3 hrs.
Zoo. 22 Vertebrate Zoo.	
Bacteriology.....	4 hrs.
P. E. 12 Phy. Develop.....	1 hr.
*Elective.....	3 hrs.
	<hr/>
	16 hrs.

*Mod. L. 11, 12, 21, 22 are strongly advised as the electives. If the language is taken Bact. 25 will not be taken. Electives must come from the following: Language, English, Speech, Accounting, Mathematics, History and Social Sciences.

*A total of 90 semester hours are required to enter medical school. This is the equivalent of approximately three years of college. Most Medical Schools advise the applicant to have a degree.

*Technicians may substitute electives for Physics 16, 17 with the approval of the Dean.

COURSE VIa—NURSING

Leading to a B. S. Degree in Nursing for students planning to transfer to the University of Tennessee School of Nursing.

First Year**First Semester**

Eng. 11 English Comp.....	3 hrs.
Zoo. 11-2 General Zoo.....	4 hrs.
Elective.....	3 hrs.
Chem. 15 Inorg. Chem.....	4 hrs.
P. E. 13 Phys. Develop.....	1 hr.
	<hr/>
	15 hrs.

Second Semester

Eng. 12 English Comp.....	3 hrs.
Zoo. 22 Vertebrate Zoo.	
or Bact. 25 Gen. Bact.....	4 hrs.
Chem. 16 Inorg. Chem.....	4 hrs.
P. E. 13 Phy. Develop.....	1 hr.
Elective.....	3 hrs.
	<hr/>
	15 hrs.

Second Year**First Semester**

Psy. 21 General Psy.....	3 hrs.
Soc. 28 Intr. to Soc.....	3 hrs.
Hist. 11 Early World.....	3 hrs.
Elective	9 hrs.
	<hr/>
	18 hrs.

Second Semester

Psy. 14 Hum. Gr. & Dev.	3 hrs.
Soc. 29 Rural Soc.....	3 hrs.
Zoo. 22 Vert. Zoo. or	
Bact. 25 General Bact.	4 hrs.
Hist. 12 Modern World.....	3 hrs.
Elective	3 hrs.
	<hr/>
	16 hrs.

*It is suggested that electives be taken from: H. Ec. 11, 12; Math. 11, 12; Econ. 26, 27; P. Sci. 23, 24; Eng. 21, 22, or 13; Chem. 23; Phys. 15, 16, 17, 19.

COURSE VII—BUSINESS AND COMMERCE**First Year****First Semester**

Eng. 11 Eng. Comp.....	3 hrs.
Btr. 13 Prin. of Acc.....	4 hrs.
Btr. 15-1 Typewriting.....	2 hrs.
Btr. 16 Business Math.....	3 hrs.
Hist. 11 World History.....	3 hrs.
P. E. 12 Phy. Develop.....	1 hr.
	<hr/>
	16 hrs.

Second Semester

Eng. 12 Eng. Comp.....	3 hrs.
Btr. 14 Prin. of Acc.....	4 hrs.
Math. 11 College Alg.....	3 hrs.
Hist. 12 World History.....	3 hrs.
P. E. 18 Health.....	3 hrs.
P. E. 12 Phys. Develop.....	1 hr.
	<hr/>
	17 hrs.

Second Year**First Semester**

Econ. 26 Prin. of Econ.....	3 hrs.
Btr. 17 Bus. Law.....	3 hrs.
Eng. 21 Eng. Lit.....	3 hrs.
Btr. 26 Bus. Corr.....	3 hrs.
P. Sci. 23 U. S. Gov't.....	3 hrs.
P. E. 12 Phy. Develop.....	1 hr.
	<hr/>
	16 hrs.

Second Semester

Econ. 27 Prob. of Econ.....	3 hrs.
Btr. 18 Business Law.....	3 hrs.
Btr. 31 Cost Acc.....	3 hrs.
Eng. 22 Eng. Lit.....	3 hrs.
P. Sci. 24 State Gov't.....	3 hrs.
P. E. 12 Phys. Develop.....	1 hr.
	<hr/>
	16 hrs.

COURSE VIII—SECRETARIAL**First Year****First Semester**

Eng. 11	Eng. Comp.	3 hrs.
Btr. 11	Shorthand	3 hrs.
Btr. 13	Prin. of Acc.	4 hrs.
Btr. 15-1	Typewriting	2 hrs.
Btr. 16	Bus. Math.	3 hrs.
P. E. 13	Phy. Develop.	1 hr.
		<hr/>
		16 hrs.

Second Semester

Eng. 12	Eng Comp.	3 hrs.
Btr. 12	Shorthand	3 hrs.
Btr. 14	Prin. of Acc.	4 hrs.
Bt. 15-2	Typewriting	2 hrs.
Btr. 27	Bus. Machines	3 hrs.
P. E. 13	Phy. Develop.	1 hr.
		<hr/>
		16 hrs.

Second Year**First Semester**

Btr. 21	Adv. Shorthand	3 hrs.
Btr. 26	Bus. Corr.	3 hrs.
Hist. 11	World Hist.	3 hrs.
Econ. 26	Prin. of Econ.	3 hrs.
Zoo. 11	General Zoology	3 hrs.
P. E. 14	Phy. Develop.	1 hr.
		<hr/>
		16 hrs.

Second Semester

Btr. 22	Adv. Shorthand	3 hrs.
Btr. 15-3	Adv. Shorthand	2 hrs.
Hist. 12	World Hist.	3 hrs.
Econ. 27	Prin. of Econ.	3 hrs.
Bot. 12	Gen. Botany	3 hrs.
Btr. 25	Filing	2 hrs.
P. E. 14	Phy. Develop.	1 hr.
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		17 hrs.

Eng. 13, 21, 22; P. Sci. 23; Btr. 17, 18 may be used to substitute for above subjects.

COURSE IX—PRE-LAW**First Year****First Semester**

Eng. 11	English Comp.	3 hrs.
Hist. 11	Early World	3 hrs.
Math. 11	Col. Algebra	3 hrs.
Btr. 13	Prin. of Acc.	4 hrs.
Btr. 15-1	Typewriting	2 hrs.
P. E. 12	Phy. Develop.	1 hr.
		<hr/>
		16 hrs.

Second Semester

Eng. 12	English Comp.	3 hrs.
Hist. 12	Modern World	3 hrs.
Math. 12	Trigonometry	3 hrs.
Btr. 14	Prin. of Acc.	4 hrs.
Btr. 15-2	Typewriting	2 hrs.
P. E. 12	Phy. Develop.	1 hr.
		<hr/>
		16 hrs.

Second Year

First Semester

Eng. 21 English Lit.....	3 hrs.
Pol. S. 23 U. S. Gov't.....	3 hrs.
Econ. 26 Prin. of Econ.....	3 hrs.
Btr. 17 Bus. Law.....	3 hrs.
Eng. 13 Speech.....	3 hrs.
P. E. 12.....	1 hr.
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	16 hrs.

Second Semester

Eng. 22 English Lit.....	3 hrs.
P. Sci. 24 State Gov't.....	3 hrs.
Econ. 27 Prob. of Econ.....	3 hrs.
Btr. 18 Bus. Law.....	3 hrs.
Btr. 31 Cost Acc.....	4 hrs.
P. E. 12.....	1 hr.
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	17 hrs.

COURSE X—BUSINESS EDUCATION

First Year

First Semester

Eng. 11 English Comp.....	3 hrs.
Hist. 11 Early World.....	3 hrs.
Btr. 11 Shorthand.....	3 hrs.
Btr. 15-1 Typewriting.....	2 hrs.
Btr. 13 Accounting.....	4 hrs.
P. E. 12 or 13 Phy. Dev.....	1 hr.
<hr/>	
	16 hrs.

Second Semester

Eng. 12 English Comp.....	3 hrs.
Hist. 12 Modern World.....	3 hrs.
Btr. 12 Shorthand.....	3 hrs.
Btr. 15-2 Typewriting.....	2 hrs.
Btr. 14 Accounting.....	4 hrs.
P. E. 12 or 13 Phy. Dev.....	1 hr.
<hr/>	
	16 hrs.

Second Year

First Semester

Btr. 21 Shorthand.....	3 hrs.
Zoo. 11 Gen. Zoo.....	3 hrs.
Soc. 28 Intr. to Soc. or	
P. Sci. 23 U. S. Gov't.....	3 hrs.
Btr. 26 Bus. Corr.....	3 hrs.
P. E. 22 or 13 Phy. Dev.....	1 hr.
Btr. 16 Bus. Math.....	3 hrs.
<hr/>	
	16 hrs.

Second Semester

Btr. 15-3 Typewriting.....	2 hrs.
Psy. 14 Hum. Gr., Dev.....	3 hrs.
Bot. 12 Gen. Bot.....	3 hrs.
Btr. 25 Filing.....	2 hrs.
P. E. 18 Health.....	3 hrs.
P. Sci. 24 State Gov't.....	3 hrs.
P. E. 13.....	1 hr.
<hr/>	
	17 hrs.

COURSE XI—LEADING TO ELEMENTARY TEACHING

First Year

First Semester	Second Semester
Eng. 11 English Comp.....3 hrs.	Eng. 12 English Comp.....3 hrs.
Hist. 11 Early World.....3 hrs.	Hist. 12 Modern World.....3 hrs.
Edu. 11 Teach. & Comm. or Elective.....3 hrs.	Psy. 14 Hum. Gr., Dev.....3 hrs.
Mus. 17 Music Appr.....3 hrs.	Mus. 19 Mus. for Child...3 hrs.
Psy. 21 General Psy.....3 hrs.	Eng. 16 Lit. for Child...3 hrs.
P. E. 13 Phy. Develop.....1 hr.	P. E. 13 Phy. Develop.....1 hr.
	16 hrs.

Second Year

First Semester	Second Semester
Eng. 21 English Lit.....3 hrs.	Eng. 22 English Lit.....3 hrs.
Zoo. 11 Gen. Zoo.....3 hrs.	Bot. 12 General Bot.....3 hrs.
P. Sci. 23 U. S. Gov't.....3 hrs.	Eng. 13 Speech.....3 hrs.
Soc. 28 Intr. to Soc.....3 hrs.	P. E. 18 Health.....3 hrs.
*Elective or	*Elective.....3 hrs.
Edu. 11 Teacher & Comm 3 hrs.	P. E. 14 Phy. Develop.....1 hr.
P. E. 14 Phy. Develop.....1 hr.	
	16 hrs.

COURSE XII—HOME ECONOMICS

First Year

First Semester	Second Semester
Eng. 11 English Comp.....3 hrs.	Eng. 12 English Comp.....3 hrs.
H. Ec. 11 Foods.....3 hrs.	H. Ec. 12 Foods.....3 hrs.
Chem. 15 Inorg. Chem.....4 hrs.	Chem. 16 Inorg. Chem.....4 hrs.
Hist. 11 Early World.....3 hrs.	Hist. 12 Mod. World.....3 hrs.
Zoo. 11 Gen. Zoo.....3 hrs.	Bot. 12 General Bot.....3 hrs.
P. E. 13 Phy. Develop.....1 hr.	P. E. 13 Phy. Develop.....1 hr.
	17 hrs.

Second Year

First Semester

Eng. 21 English Lit.	3 hrs.
Ho. Ec. 21 Clothing	3 hrs.
Soc. 28 Intr. to Soc.	3 hrs.
P. Sci. 23 U. S. Gov't.	
or Econ. 26 Prin. of Ec.	3 hrs.
Psy. 21 General Psy.	3 hrs.
P. E. 14 Phy. Develop.	1 hr.

16 hrs.

Second Semester

Eng 22 English Lit.	3 hrs.
H. Ec. 22 Clothing	3 hrs.
Eng. 13 Speech	3 hrs.
P. Sci. 24 State Gov't or	
Econ. 27 Prob. of Econ.	3 hrs.
Psy. 14 Hum. Gr., Dev.	3 hrs.
P. E. 14 Phy. Develop.	1 hr.

16 hrs.

*P. E. 18, Bact. 25, Chem. 23 may be substituted toward graduation.

COURSE XIIIa—INDUSTRIAL EDUCATION

First Year

First Semester

Draw. 11 Mech. Draw.	2 hrs.
Eng. 11 English Comp.	3 hrs.
Hist. 11 Early World	3 hrs.
Math. 11 Col. Algebra	3 hrs.
I. Ed. 11 Wood Work	3 hrs.
I. Ed. 13 Intr. to Voc. Ed.	3 hrs.
P. E. 12 Phy. Develop.	1 hr.

18 hrs.

Second Semester

Draw. 12 Mech. Draw.	2 hrs.
Eng. 12 English Comp.	3 hrs.
Hist. 12 Mod. World	3 hrs.
I. Ed. 12 Adv. Woodwork	3 hrs.
Elective	3 hrs.
P. E. 12 Phy. Develop.	1 hr.

15 hrs.

Second Year

First Semester

Eng. 21 English Lit.	3 hrs.
Eng. 13 Speech	3 hrs.
P. Sci. 23 U. S. Gov't.	3 hrs.
Zoo. 11 Gen. Zoo.	3 hrs.
I. Ed. 14 Gen. Metal	3 hrs.
Btr. 15-1 Typewriting	2 hrs.

17 hrs.

Second Semester

Eng. 22 English Lit.	3 hrs.
Psy. 14 Hum. Gr., Dev.	3 hrs.
I. Ed. 15 Forging, Weld.	3 hrs.
Bot. 12 General Bot.	3 hrs.
P. E. 18 Health	3 hrs.
Btr. 15-2 Typewriting	2 hrs.

17 hrs.

COURSE XIV

MATH. MAJORS, SCIENCE MAJORS, AND MATH-SCIENCE
MAJOR, MINOR COMBINATION

First Year

First Semester	Second Semester
Eng. 11 Eng. Comp. 3 hrs.	Eng. 12 Eng. Comp. 3 hrs.
Math. 17 Col. Algebra 3 hrs.	Math. 19 Analy. Geom. 3 hrs.
Math. 18 Col. Trig. 3 hrs.	Math. 25 Diff. Calculus 3 hrs.
Chem. 15 Inorg. Chem. 4 hrs.	Chem. 16 Inorg. Chem. 4 hrs.
Mus. 17 Mus. Appr. 3 hrs.	Phys. 15 Gen. Phys. 3 hrs.
P. E. 12 Phy. Develop. 1 hr.	P. E. 12 Phy. Develop. 1 hr.
17 hrs.	17 hrs.

Second Year

First Semester	Second Semester
Psy. 21 Gen. Psy. 3 hrs.	Psy. 14 Hum. Gr., Dev. 3 hrs.
P. Sci. 23 U. S. Gov't. 3 hrs	Eng. 13 Speech 3 hrs.
*Math 26 Int. Calculus 3 hrs.	*Math. 27 Int. Calculus 3 hrs.
Phys. 16 Gen. Phys. 3 hrs.	Psys. 17 Gen. Phys. 3 hrs.
Soc. 28 Intr. to Soc. 3 hrs.	P. E. 18 Health 3 hrs.
15 hrs.	15 hrs.

*The following may be used as substitutions: Eng. 21, 22; Hist. 11, 12; Econ. 26, 27; Soc. 28, 29; Zoo. 11-2; Bot. 12 in place of Math. 26, 27.

COURSE XV—PHYSICAL EEDUCATION

First Year

First Semester	Second Semester
Eng. 11 English Comp. 3 hrs.	Eng. 12 Eng. Comp. 3 hrs.
Hist. 11 Early World 3 hrs.	Hist. 12 Mod. World 3 hrs.
Zoo. 11 Gen. Zoo. 3 hrs.	Bot. 12 General Botany 3 hrs.
P. E. 19 Hist. of Phy. Ed. 3 hrs.	P. E. 18 Health 3 hrs.
P. Sci. 23 U. S. Gov't. 3 hrs.	Elective 3 hrs.
*P. E. 12 or Football or Basketball 1 hr.	*P. E. 12 or Basketball or Track or Tennis or Baseball 1 hr.
16 hrs.	16 hrs.

Second Year

First Semester

Psy. 21	General Psy.	3 hrs.
Mus. 17	Mus. Appr.	3 hrs.
Soc. 28	Intr. to Soc.	3 hrs.
	Elective	3 hrs.
Eng. 21	English Lit.	3 hrs.
*P. E. 12	or Football or Basketball	1 hr.
		<hr/>
		16 hrs.

Second Semester

Psy. 14	Hum. Gr., Dev.	3 hrs.
P. Sci. 24	State Gov't.	3 hrs.
Math. 11	College Alg.	3 hrs.
Eng. 22	English Lit.	3 hrs.
*P. E. 12	or Basketball or Baseball or Tennis	1 hr.
P. E.	Track	1 hr.
P. E. 23	Comm. Rec.	2 hrs.
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		16 hrs.

*Five hours of P. E. 12 (P. E. 13, 14 for girls) or sports must be taken. (Some academic subject may be used to complete 64 hours in case of difficulty.)

**COURSE XVL_a, B. PRE-ENGINEERING
AERONAUTICAL, AGR., CIVIL, ELECT., MECH., CHEM.**

First Year

First Semester

P. E. 12	Phy. Develop.	1 hr.
Eng. 11	Eng. Comp.	3 hrs.
Draw. 11	Mech. Draw.	2 hrs.
Math 17	Col. Alg.	3 hrs.
Math. 18	Col. Trig.	3 hrs.
Math. 13	Solid Geom.	0 hrs.
Chem. 15	Gen. Inorganic	4 hrs.
Math. 28	Slide Rule	1 hr.
		<hr/>
		17 hrs.

Second Semester

P. E. 12	Phy. Develop.	1 hr.
Eng. 12	English Comp.	3 hrs.
Draw. 12	Mech. Draw.	2 hrs.
Math. 19	Analy. Geom.	3 hrs.
Math. 25	Diff. Calculus	3 hrs.
Phys. 15	General Physics	3 hrs.
Chem. 16	Gen. Inorganic	4 hrs.
		<hr/>
		19 hrs.

AERONAUTICAL, AGR. CIVIL, ELECT., MECH.

Second Year

First Semester

P. E. 21	Phy. Develop.	1 hr.
Math. 26	Integral Cal.	3 hrs.
Phys. 16	Gen. Physics	3 hrs.
Hist. 15	Am. Civ.	3 hrs.
Econ. 26	Prin. of Econ.	3 hrs.
Btr. 17	Bus. Law	3 hrs.
Pol. S. 24	U. S. Gov't.	3 hrs.
		<hr/>
		19 hrs.

Second Semester

Math. 27	Integral Cal.	3 hrs.
Phys. 17	Gen. Physics	3 hrs.
Hist. 30	World Civ.	3 hrs.
Draw. 24	Descrip. Geom.	3 hrs.
Eng. 13	Speech	3 hrs.
Btr. 15-1	Typing	2 hrs.

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COURSE XVib—CHEMICAL ENGINEERING OPTION**Second Year****First Semester**

P. E. 12	Phy. Develop.	1 hr.
Eng. 21	English Lit.	3 hrs.
Phys. 16	Gen. Physics	3 hrs.
Math. 26	Int. Cal. I	3 hrs.
Chem. 23	Organic Chem.	5 hrs.
Pol. S. 23	U. S. Gov't.	3 hrs.
		<hr/>
		18 hrs.

Second Semester

P. E. 12	Phy. Develop.	1 hr.
Draw. 24	Descrip. Geom.	3 hrs.
Phys. 17	Gen. Physics	3 hrs.
Math. 27	Int. Calculus II	3 hrs.
Chem. 24	Organic Chem.	5 hrs.
Eng. 13	Speech	3 hrs.
		<hr/>
		18 hrs.

**CERTIFICATE COURSES IN TERMINAL BUSINESS
EDUCATION NINE MONTHS BUSINESS COURSE**

This program is designed to train people for beginning secretarial and general clerical positions. Persons successfully completing this course should be able to receive employment in commercial offices in our cities, and should also be able to pass written examinations given by the state and federal civil service boards for junior stenographers and clerical workers.

COURSE XVIIa—SECRETARIAL**First Semester**

Btr. 15-1	Typewriting	2 hrs.
Btr. 11	Shorthand	3 hrs.
*Elective		10 hrs.
		<hr/>
		15 hrs.

Second Semester

Btr. 15-2	Typewriting	2 hrs.
Btr. 12	Shorthand	3 hrs.
*Elective		10 hrs.
		<hr/>
		15 hrs.

*Thirty hours credit is required for a certificate. It is strongly advised that Eng. 11, 12 be taken. Other suggested electives: Btr. 25 (filing), Btr. 26 (Btr. Cor.) Btr. 27 (Office Machine), Btr. 13, 14 (Accounting), Btr. 17, 18 (Bus. Law), Btr. 16 (Bus. Math.) P. E. 13 (Physical Development.)

COURSE XVIib—GENERAL CLERICAL

First Semester

Btr. 15-1 Typewriting	2 hrs.
Btr. 26 Bus. Corr.	3 hrs.
Btr. 13 Accounting	4 hrs.
*Elective	6 hrs.
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	15 hrs.

Second Semester

Btr. 15-2 Typewriting	2 hrs.
Btr. 25 Filing	2 hrs.
Btr. 14 Accounting	4 hrs.
Btr. 27 Off. Machines	3 hrs.
Elective	4 hrs.
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	15 hrs.

*Thirty hours credit is required for a certificate. Suggested Electives: Btr. 11, 12 (shorthand); Eng. 11, 12 (English Composition); Btr. 16 (Bus. Math.), Btr. 17, 18 (Bus. Law); P. E. 12 (Physical Development.)

A Nine Months Business Certificate will be presented to each student who successfully completes either of the above courses.

Description of Courses

DEPARTMENT OF AGRICULTURE

Mr. Almond

Mr. Thomas

Agr. 11—Field Crops.

Two lectures. Two hours laboratory. Three credits.

This course includes class work, field trips, seed classing and other related study concerning production and utilization of all maintenance crops on the farm. This course will have special emphasis placed on southern field crops.

Agr. 12—Dairying.

Two lectures. Two hours laboratory. Three credits.

This course will include selection, breeding, feeding, care and management of dairy cattle. Special emphasis will be placed on feeding as a means of economic production. Laboratory work will include testing whole milk and cream for butter fat. Home mixing of feeds, installation of sanitary equipment, judging and other related work.

Agr. 20—Farm Machinery.

Two lectures. Two hours laboratory. Three Credits.

A general course in farm machinery, including horse-drawn and power-drawn equipment, with special emphasis on trends toward farm mechanization, its possibilities and limitations as related to agriculture in Mississippi.

Agr. 21—Soils.

Three lectures. Two hours laboratory. Four credits.

A course designed to give a student a basic concept of general soils including soil genesis, classification, and the physical, chemical and biological aspects of soils. Soil management, including fertilization, liming, and terracing, will also be stressed.

Agr. 22—Farm Poultry.

Two lectures. Two hours laboratory. Three credits.

A general course in poultry production with special emphasis being placed upon selection of breeds, incubation and brooding of chicks, feeding, breeding, disease control, housing and marketing of poultry.

Agr. 23—Principles of Agricultural Economics.

Three lectures. Three credits.

A general course on the basic principles of economics and their application to agriculture. Special emphasis will be placed upon economic problems of agriculture. American economic development, production and business organizations. The law of diminishing returns, some principles of trade and production, farm organization, exchange value and the market, demand, supply, market price, cost of production, price level movement, marketing and co-operation and the farm problem and the government.

Agr. 24—Introduction To Forestry.

Two lectures. Two hours laboratory. Three credits.

A general course in forestry, special emphasis being placed upon objectives and needs for forestry, conservation of forests, methods of establishing forests, management of forests, and soil erosion control by reforestation.

Agr. 26—General Horticulture.

Two lectures. Two hours laboratory. Three credits.

A general course in Horticulture with special emphasis being placed on selection of site, systems of laying out orchards, selection of horticultural crops and varieties best suited to southern conditions, management and insect control.

Agr. 27—Elements of Animal Husbandry.

Two lectures. Two hours laboratory. Three credits.

A general survey in the field of Animal Husbandry, including the relation of livestock to general farming, and a study of breeds and market classes and grades of farm animals.

BACTERIOLOGY

Mr. Merritt

Bact. 25—General Bacteriology.

Two lectures. Four hours laboratory. Four credits.

Introduction to principles underlying the subject.

BIBLE

Mr. Lorance

Bible 11—Old Testament.

Three lectures. Three credits.

Bible 12—New Testament.

Three lectures. Three credits.

BIOLOGY

Mr. Wilson, Mr. Merritt

Zoo. 11—General Zoology.

Two lectures. Two hours laboratory. Three credits.

A survey of the animal kingdom from the viewpoint of taxonomy, physiology, anatomy, inheritance, etc.

Zoo. 11-2—General Zoology.

Two lectures. Four hours laboratory. Four credits.

A survey of the animal kingdom designed to give some acquaintance with the basic biological principles and facts underlying all life. Representatives of all phyla are studied from the standpoint of morphology, physiology, ecology, etc.

Botany 12—General Botany.

Two lectures. Two hours laboratory. Three credits.

A survey course in the fundamental facts and principles of plant life, with particular reference to form, structure, physiology, and reproduction in representatives of the group of higher plants.

Zoo. 22—Vertebrate Zoology.

Three lectures. Four hours laboratory. Four credits.

Prerequisite Zoo. 11-2. A comparative study of the anatomy of the various classes of the vertebrate animals.

CHEMISTRY

Mr. Merritt

Chem. 15—General Inorganic Chemistry.

Three lectures. Three hours laboratory. Four credits.

An introductory course dealing with such fundamentals as atomic structure, chemical reactions, chemical equations, ionization, chemical calculations, electrichemistry, atomic energy, preparation and properties of inorganic substances, and qualitative analysis.

Chem. 16—General Inorganic Chemistry.

Three lectures. Three hours laboratory. Four credits.

A continuation of course of Chem. 15.

Chem. 23—Organic Chemistry.

Three recitation. Four laboratory. Five credits.

Prerequisite Chem. 15 and 16. A study of the aliphatic and aromatic compounds with special attention given to their molecular structure, methods of preparation, reactions, properties, and uses.

Chem. 24—Organic Chemistry.

Three recitation. Four hours laboratory. Five credits.

A continuation of Chem. 23.

BUSINESS AND COMMERCE

Mr. Estep, Mr. Allen, Miss Montague, Mrs. Wilson

Btr. 11—Shorthand. Gregg Simplified.

Three lectures. Three credits.

The theory and practice of Gregg Simplified Shorthand. The principles are applied by reading and writing shorthand with a limited amount of dictation and transcription from shorthand notes.

Btr. 12—Shorthand.

Three lectures. Three credits.

A continuation course of Btr. 11.

Btr. 13—Accounting Principles.

Three lectures. Two hours laboratory. Four credits.

Theory of debit and credit; business papers; books of original entry; ledgers; working papers; financial statements; sole proprietorship; partnerships and simple corporation transactions.

Btr. 14—Accounting Principles.

Three lectures. Two hours laboratory. Four credits.
A continuation course of Btr. 13.

Btr. 15—Typewriting.

Three lecture periods. Two credits.

Mechanism and care of the typewriter; its operation; keyboard drills to gain speed and accuracy; introduction to letter forms.

Btr. 15-2—Typewriting.

Three lecture periods. Two credits.

Advanced drills for speed and accuracy; letter forms; telegrams and other business forms; manuscript typewriting.

Btr. 15-3—Typewriting.

Three lecture periods. Two credits.

Actual office problems are presented, solved by the students, and completed in typewritten form. Speed and accuracy is stressed.

Btr. 16—Business Mathematics.

Three lectures. Three credits.

A course in General Mathematics designed to meet special needs of students in the business field.

Btr. 17—Business Law.

Three lectures. Three credits.

Normal business relations from a legal standpoint with emphasis on the laws of contracts, agency, property, and employer-employee relations.

Btr. 18—Business Law.

Three lectures. Three credits.

Normal business relations from a legal standpoint with emphasis on the laws of negotiable instruments, bailments, carriers, sales, and partnerships.

Btr. 21—Advanced Shorthand.

Three lectures. Three credits.

The aim of this course is to increase accuracy and speed of transcription with emphasis on mailability of letters.

Btr. 22—Advanced Shorthand.

Three lectures. Three credits.

A continuation of Btr. 21. A minimum of 100 words per minute should be reached on new material and 120 words per minute on old material.

Btr. 25—Filing.

Two lectures. Two credits.

The various systems of filing with sufficient practice in the laboratory to develop skill in the operation of the systems. Coding, indexing, equipment and materials are emphasized.

Btr. 26—Business Correspondence.

Three lectures. Three credits.

Main emphasis is upon business letter writing. Correctness of composition. Choice of words, psychological approach, arrangement of material, and correspondence methods are included.

Btr. 27—Office Machines.

Three lecture periods. Three credits.

Finger technique and speed in the operation of key driven calculators, full keyboard adding, listing machines, and crank driven calculators. Other machines will also be introduced.

Btr. 31—Cost Accounting.

Three lectures. Three credits.

Cost accounting principles and techniques as applied to both job order and continuous process types of industry. The determination of unit costs and the preparation of cost reports is emphasized throughout the course.

EDUCATION

Mr. Everett

Edu. 11—The Teacher and The Community.

Three lectures. Three credits.

The purpose of this course is to introduce the pre-service teacher to the problems of education and to show his relation to the community. In connection with the study the student becomes acquainted with the various theories in the field of education, the major problem to be solved, the present-day practices and systems.

DRAWING

Mr. Burkes

Dr. 11—Mechanical Drawing.

Six hours laboratory. Two credits.

The use of instruments; geometric constructions; orthographic projections; dimensioning; lettering; instruction and practice in technical sketching and sketching from models.

Dr. 12—Mechanical Drawing.

Six hour laboratory. Two credits.

Prerequisite: Dr. 11. Continuation of Dr. 11 includes sections; conventions; fasteners; pictorial drawings; charts and graphs; detail and assemblies; includes a project involving all phases of draftsmanship.

Dr. 24—Descriptive Geometry.

Two lectures. Three hours drawing.

Prerequisite: Dr. 11. Theory of drafting; exercises in engineering problems; discipline in developing the ability to visualize points, lines, and surfaces under various conditions; practical applications.

ECONOMICS

Mr. Allen, Mr. Everett

Econ. 26—Principles of Economics.

Three lectures. Three credits.

This course is offered for the purpose of introducing the student to the principles of economic law having to do with production, acquisition, distribution, and consumption of wealth, international trade credit and banking. Direct attention is paid to current economic trends as far as is practical in the first course in principle.

Econ. 27—Problems of Economics.

Three lectures. Three credits.

The purpose of this course is to acquaint the student with some of the modern economic problems. The way people live, poor, moderate, and rich. Reasons for such differences in living economic life in the South. Economic, political and social causes.

Econ. 32—Industrial Economics.

Three lectures. Three credits.

ENGLISH

Miss Van Osdell, Mrs. Branch, Mrs. Everett

The purpose and aim of the course of study offered in English is:

1. To train the student in a free and easy oral use of his mother tongue, with much practice in conversation, oral reports, story telling and debating.

2. To enlarge his vocabulary and teach him to avoid and correct the common errors that creep into everyday speech.

3. To train him to write in a pleasing and effective manner.

4. To train him to understand and appreciate good literature and make his own some of the ideals expressed there.

English 11—English Composition.

Three lectures. Three credits.

The work of this course deals largely with an intensive review of grammar, a study of the principles of outlining exercises in original composition, word study, special instructions in the use of the library. A thorough study of the various forms of discourses, together with the regular theme assignments and written reports on parallel reading is required.

English 12—English Composition.

Three lectures. Three credits.

Prerequisite: English 11. A continuation of English 11.

English 13—Spoken English.

Three lectures. Three credits.

This course proposes to develop boys and girls to increase their faith and vision, to show them how to use their latent forces to the fullest possible extent, to develop leadership, self-confidence and the ability to influence others in a way which will be reflected later in earning capacity and position in society. Correct and effective English, correct pronunciation and enunciation, breath control, study and practice in making speeches for all occasions, with special emphasis on persuasive speaking.

English 17—Library Science.

One lecture. One credit.

This course in library usage, including a study of the Dewey Decimal system, the card catalogue, dictionaries, encyclopedias, special reference books, and the Reader's Guide. Helpful points are also given on the selection of reference books. This course is required in almost all senior colleges, and students will find it very helpful if they do not expect to go to senior college.

English 21—A Survey of English Literature.

Three lectures. Three credits.

Prerequisite: Eng. 11, 12 or equivalent.

This course offers an intensive study of some of the masterpieces of English literature from Beowulf up to the present day. Attention is given also to biographical studies, to social and historical backgrounds, and to the development of literary movements. Written and oral reports will be assigned frequently, and much parallel reading will be required.

English 22—A Survey of English Literature.

Three lectures. Three credits.

A continuation of English 21.

EXPRESSION

Miss Van Osdel

Speech 11, 12—Platform Reading.

Three lectures. Three credits. Three private lessons per week.

Study of selection from standard literature for developing phrasing, word grouping, and animation. Study of anatomy of voice instruments, control of diaphragm and breathing. Exercises for the improvement of tone initiation, volume, range, flexibility, resonance, enunciation and rhythm.

Speech 15—Dramatics.

Two lectures. Two credits. Two hours a week throughout the year.

Principles of stage business, scenic and lighting effects, costuming, make-up, character portrayals, and other phases of acting and stage craft taught through class reports, lectures and participation in one-act and three-act plays. cursory study of drama of all ages with emphasis on modern drama.

Speech 21, 22—Advanced Platform Reading.

Three lectures. Three credits. Three private lessons per week.

Study and frequent public presentation of advance selections from literature. Interpretation and portrayal of all types of characters with special attention to bodily responses.

HISTORY

Mr. Montague, Mr. Branch

Hist. 11—Early World Civilization.

Three lectures. Three credits.

This course is intended as a survey of World Civilization from prehistoric times to the discovery of America. The main purpose will be to study the trends in the history of the world with particular emphasis on their relation to present day living. The object of the course is to study the political, social, economic, and religious thought of the times, together with the wars and (so-called) science and art of those times.

Hist. 12—Modern World Civilization.

Three lectures. Three credits.

This course is a continuation of History 11. One-half of the work will be devoted to the 20th century with its two great world wars. The same approach will be used in History 11.

Hist. 15—American Civilization.

Three lectures. Three credits.

A study of the development of the American people and their institutions, emphasizing the factors that contributed to making our present civilization. The course includes politics, economic life, social and cultural progress. Most of the time will be spent on the period since the Civil War.

Hist. 21—Early U. S. History.

Three lectures. Three credits.

A survey of U. S. History from 1787 through the Civil War.

Hist. 22—Modern U. S. History.

Three lectures. Three credits.

A continuation of Hist. 21, covering the period from Reconstruction to the present.

Hist. 30—World Civilization.

Three lectures. Three credits.

A study of the history of the people and institutions of the modern world. This course includes a brief summary of the ancient and medieval heritage of the world, with a more detailed study of the period since the Renaissance and geographical discoveries.

HOME ECONOMICS

Miss Peebles

The purpose of this department is threefold:

1. To give the young women an intelligent appreciation of the occupation of home-making, and to broaden their outlook on life through consideration of the social and economic factors

which govern the home.

2. To cultivate their aesthetic taste in the selection of clothing and in the decoration of the home.
3. To develop the ability to apply the various processes taught in the selection and preparation of food, and to develop this same ability in the construction and care of clothing and the efficient management of the home.

H. E. 11—Food and Nutrition.

Two lectures. Two hours laboratory. Three credits.

This course gives the student the fundamental principles of food with special reference to their selection, purchasing, composition, preservation, preparation, serving, nutritive value, and place in the diet. A study of the nutritive requirements of the body and the quality of food necessary to meet these requirements.

H. E. 12—Food and Nutrition.

Two lectures. Two hours laboratory. Three credits.

This course is a continuation of H. E. 11.

H. E. 13—Home Nursing.

Three lectures. Three credits.

The purpose of this course is to make a study of the growth, development and nutrition of the normal child, and understanding of the responsibilities of parent hood and of the importance of heredity environment of the child's training and development.

H. E. 14—Home Problems.

Three lectures. Three credits.

This course embraces a study of the development of the modern home, its functions and social influences affecting family life. The responsibility and duty of the homemaker as a producer and consumer, managerial problems concerning the use of time, money, and leisure, selection and care of food, clothing, and household equipment.

H. Ec. 15—Canning and Food Preparation.

Three semester hours.

H. E. 21—Textiles and Clothing.

Two lectures. Two hours laboratory. Three credits.

The purpose of this course is to make a study of the textile fibers (cotton, linen, wool, silk, and rayon) and of weaves, adulterations, and finishes used for each. Clothing selection and construction with a consideration of the economic, aesthetic and hygienic aspects. It includes the application of the principles of color and design to individual selection, pattern adaptation and alteration, and care and repair of clothing.

H. E. 22—Textiles and Clothing.

Two lectures. Two hours laboratory. Three credits.

This course is a continuation of H. E. 21.

INDUSTRIAL EDUCATION

Mr. Burkes

I. Ed. 11—Woodwork.

Six hours laboratory. Three credits.

Knowledge, appreciation and skill in use of hand tools: wood, joints, finishes, fasteners, and job planning.

I Ed. 12—Advanced Woodwork.

Six hours laboratory. Three credits.

Prerequisite: I Ed 22-3. Mill practices and techniques; machine tool operation; job planning and design.

I Ed. 13—Introduction to Vocational Education.

Three lectures. Three credits.

A survey of the fields of vocational education.

I. Ed. 14—General Metal Work.

Six hours laboratory. Three credits.

Design in metal, new materials, jigs, machine processes and metal finishes; construction of metal projects.

I Ed. 15—Forging and Welding.

Six hours laboratory. Three credits.

Practice in hand forging; annealing, hardening, and tempering of tool steel; gas and electric welding.

I Ed. 16—Industrial Electricity.

Three credits.

I Ed. 17—Sheet Metal.

Three credits.

I Ed. 21—Industrial Management.

Three credits.

I Ed. 22—Personnel Management.

Three credits.

MATHEMATICS

Mrs. Jacob, Mr. Carr

Math 11—College Algebra.

Three lectures. Three credits.

This course will include quadratic equations, theory of equations, binominal theorem, determinants, ratio, proportion, variation, logarithms, and probability.

Math. 12—Trigonometry.

Three lectures. Three credits.

This course will include a thorough study of trigonometric functions, leading to more advanced courses in mathematics and at the same time, the various solutions of the triangle as applied to surveying and engineering.

Math. 13—Solid Geometry.

Three lectures. Three credits.

A knowledge of plane geometry is presupposed. The course is largely an application of plane geometry to three-dimensional space, and leads to an understanding of the formulas of areas and volume, and for parallelopiped, pyramids, cone prisms, cylinder and sphere.

Math. 17—College Algebra.

Three lectures. Three credits.

Thorough review of elementary principles, variation, binominal theorem, mathematical induction, progressions, logarithms, determinants, probability, infinite series, method of least squares and related topics.

Math. 18—Trigonometry.

Three lectures. Three credits.

Trigonometric functions, solutions of right and oblique triangle; graph of functions, identities, inverse functions, spherical triangles, cartesians and polar co-ordinates, conic sections, and space co-ordinates.

Math. 19—Analytical Geometry.

Three lectures. Three credits.

Mathematics 11 and 12 are prerequisites. A study of the straight line, circle, parabola, ellipse, and hyperbola, taking up translation and rotation, polar co-ordinates, higher plane curves, triangles and normals and solid analytics.

Math. 25—Differential Calculus.

Three lectures. Three credits.

Functions and functional limits, differentiation; Maxims and Minima, geometric applications, rates of change, and partial differentiation.

Math. 26—Integral Calculus 1.

Three lectures. Three credits.

The definite integral; formal integration; application to areas, volumes, and moments.

Math. 27—Integral Calculus II.

Three lectures. Three credits.

Multiple integrals; approximate integration; series; Taylor's Theorem; differential equations.

Math. 28—Slide Rule.

Three lectures. One credit.

A practical course consisting of drill in slide rule.

MODERN LANGUAGE

Mrs. Branch

Mod. L. 11—Elementary French.

Three lectures. Three credits.

Elementary grammar, composition, dictation, translation, reading, and conversation.

Mod. L. 12—Elementary French.

Three lectures. Three credits.

This course is a continuation of Mod. L. 11.

Mod. L. 21—Intermediate French.

Three lectures. Three credits.

A thorough review of French grammar; vocabulary building with particular attention to the mastery of common idioms, dictation, conversation, and extensive reading.

Mod. L. 22—Intermediate French.

Three lectures. Three credits.

This course is a continuation of Mod. L. 21.

MUSIC

Mrs. McKie, Mrs. Lorange, Mr. Little

The maximum number of units for high school credit is two. To secure this number of units the following requirements must be met:

(a) Two hours (2 periods of not less than 30 minutes each) per week of private instruction in applied music; one period of class instruction in the theory and history of music; six hours (one sixty minute period each day) per week of home practice.

(b) For this amount of study and practice each year, one-half unit will be allowed provided at least two years of preliminary study has been made.

COLLEGE MUSIC

In order to begin college music Czerny studies from Op. 299, Book 1 Nos. 8 and 8 must be played from memory. All major and minor scale (harmonic form) must be played in moderate tempo. The first movement of a sonatina and two melody studies must be played from memory. Candidates for diplomas in music must present a public recital.

Theory of Music

Mus.—Music Theory.

Four lectures. Three credits.

The students learn to recognize and write on hearing; diatonic intervals, major and minor triads, rhythmic and melodic patterns. Keyboard harmony is stressed in this course. Major and Minor chords, scales, intervals, dominant and diminished chords and their inversions are studied through writing and playing four part writing and harmonization of original melodies.

Music 13a—Solfege and Dictation.

One lecture. One credit.

Mus. 14—Music Theory.

Four lectures. Three credits.

This course is a continuation of Music 13.

Mus. 14a—Solfege and Dictation.

One lecture. One credit.

Mus. 17—Music Appreciation.

Three lectures. Three credits.

A cultural course to develop an understanding and appreciation of various musical forms and the literature of music. Attendance at all recitals mandatory.

Music 18—Music Education.

Three lectures. Three credits.

Mus. 19—Music for Children.

Three lectures. Three credits.

This course gives the student a knowledge of materials and methods for teaching music in the elementary grades. Students learn to sing, develop rhythmic activities, and play simple accompaniments and the elementary laws of conducting.

Mus. 23—Music Theory.

Four lectures. Three credits.

A continuation of the first year's work in theory. Eleventh, thirteenth, altered and mixed chords. Modulation. Advanced dictation and solfege. Continuation of keyboard harmony.

Mus. 23a—Advanced Solfege and Dictation.

One lecture. One credit.

Mus. 24—Music Theory.

Four lectures. Three credits.

A continuation course of Music 23.

Mus. 24a—Advanced Solfege and Dictation.

One lecture. One credit.

Mus. 29—Band.

One lecture. One credit.

PIANO

Mus. 11—Freshman Piano.

Three credits.

This course includes major and minor scales—broken chords and arpeggios in quarters, eighths, triplets, and sixteenths. Dominant and diminished seventh chords. The following studies are included: Czerny Op. 299. Bach Two and Three; Part Intervention; Haydn and Mozart Sonatas; 9 selections of various compositions of corresponding.

Mus. 12—Freshman Piano.

Three credits.

This course is a continuation of Mus. 11.

Mus. 11a—Elective Piano. (Freshman.)

One credit.

This is a course offered for those who desire to study piano without securing a major in it. Work will be assigned which will meet the particular needs of each pupil. Practice required: One hour a day. A continuous course.

Mus. 11b—Elective Piano. (Freshman.)

One credit. A continuation of Mus. 11a.

Mus. 19a—Class Piano.

One credit. Two hours a week throughout the year.

Mus. 19b—Class Piano.

One credit. A continuation of Mus. 19a.

Mus. 21—Sophomore Piano.

Three credits.

This course includes the major and minor scales in thirds, sixths, and tenths—arpeggios and broken chords (Major and Minor) in various combinations, all forms and positions in quarters, eighths, triplets, and sixteenths. Czerny Op. 740; Bach Three Part Inversions; Preludes and Fugues; Mozart and Beethoven Sonatas; selections from classical, romantic, and modern schools. Practice on instrument required.

Mus. 21b—Piano Ensemble.

One credit. Two hours a week throughout the year.

Mus. 21b—Piano Ensemble.

One credit. Two hours a week throughout the year.

Mus. 22—Elective Sophomore Piano.

Three credits. Same as Freshman Elective Piano.

VOICE

Voice 11—Freshman Voice.

Four credits. Two half-hour lessons a week throughout the year.

Foundation building. Vowels and consonants, their character, treatment and relation to vocal tone. Exercises for flexibility of the muscles of articulation, mechanism of speed and science of tone production. Simple songs.

Voice 13—Glee Club.

One credit each semester. Two meets a week throughout the year. Required for Voice diploma.

Voice 21—Sophomore Voice.

Four credits. Two half-hour lessons a week throughout the year.

Breathing exercises, rhythms, purity of vowels, and sound and enunciation studies. Phrasing, vocalize of Marenesi, Concone, etc. English, Italian, and French songs. Classical and modern.

Voice 27—Class Voice.

Two credits. Two hours a week throughout the year.

Instrumentation

- Ins. 11—Instruction on major instrument.
Ins. 12—Instruction on major instrument.
Ins. 21—Instruction on major instrument.
Ins. 22—Instruction on major instrument.
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PHYSICAL EDUCATION

Mr. Stewart, Mr. Carr, Miss Thomas

The Physical Education Department has for its aim to help students maintain good health, clean living habits and interest in recreational activities. To this end each student is required to take part in some form of work in the department during the entire time he is enrolled. All girls in physical education class, excepting special gymnastics, are required to have a white cotton shirt, one pair of white cotton slacks, and white tennis shoes. All boys must have available one pair of gym trunks, T-shirt, and tennis shoes.

Each student is given a medical examination upon entering to serve as a basis of directing students to the type of physical exercise for which they are best able to take. Any student registering late must produce a doctor's certificate.

MAJOR SPORTS

Mr. Carr, Mr. Stewart

A minimum of two hours' practice each day for a period of twelve weeks or its equivalent is required for credit in these sports.

Football—Credit, 1 semester hour each year

Basketball—Credit, 1 semester hour each year.

Baseball—Credit, 1 semester hour each year.

Track—Credit, 1 semester hour each year.

Tennis—Credit, 1 semester hour each year.

Ph. Ed. 12—Physical Development.

Two credits. Two periods each week throughout the year.

This course is intended for boys not participating in major sports, and includes varied exercises as volley ball, play ground ball, basketball, tennis, and calisthenics.

Ph. Ed. 13—Gymnastics. (For girls.)

Two credits. Two periods each week throughout the year.

This course includes indoor and outdoor exercises. A course required for all Freshman girls.

Ph. Ed. 14—Folk Dancing. (For girls.)

Two credits. Two periods each week throughout the year.

Ph. Ed. 18—Health.

Three credits. Three lectures.

This course is designed to meet the needs of the students just starting on a college career. Anatomy and physiology are discussed, but the emphasis is placed upon hygiene or rest, study, recreation, habit, exercise, and extra curricular activities.

Ph. Ed. 19—History and Principles of Physical Education.

Three lectures. Three credits.

An interpretation of aims and objectives of physical education based on the findings of Science.

Ph. Ed. 22—Health Education. (Survey.)

Three lectures. Three credits.

General Orientation course, including history, survey of trends, problems and opportunities in these fields.

Ph. Ed. 23—Playground and Community Recreation.

Two lectures. Two credits.

The planning and administering of recreation program for playgrounds and recreation centers, including adult recreation and community programs.

Ph. Ed. 25—Coaching of Competitive Sports.

Three Lectures. Three credits.

Theory and practice in playing and coaching in football, basketball, track, and baseball—for men.

PHYSICS

Mr. Stewart

Ph. 15—General Physics.

Two lectures. Three hours laboratory. Three credits.

That part of physics dealing with the fundamental laws of mechanics.

Ph. 16—General Physics.

Two lectures. Three hours laboratory. Three credits.

That part of physics dealing with the fundamental laws of electricity and magnetism.

Ph. 17—General Physics.

Two lectures. Three hours laboratory. Three credits.

That part of physics dealing with the fundamental laws of heat, sound, and light.

Ph. 19—General Physics.

Two lectures. Three hours laboratory. Three credits.

Fundamental laws of mechanics. heat. and electricity.

POLITICAL SCIENCE

Mr. Montague

Pol. Sci. 23—Government of the United States.

Three lectures. Three credits.

This course consists of a survey of the principles and practices of American Government as exemplified more particularly in the National Field. Attention is given to the trends in the state and local government.

Pol. Sci. 24—State Government.

Three lectures. Three credits.

This course is offered for the purpose of introducing the student to the principles of economic law having to do with production, acquisition, distribution, and consumption of wealth, international trade, credit and banking. Direct attention is paid to current economic trends as far as is practical in the first course in principle.

PSYCHOLOGY

Mr. Everett

Psy. 12—Educational Psychology.

Three lectures. Three credits.

Educational Psychology is a study of application of psychological principles of learning and understanding.

Psy. 14—Human Growth and Development.

Three lectures. Three credits.

This course deals with the way by which human beings develop from birth to maturity. Special attention is given to the physical, mental, emotional, social growth and development. Special study of the child at each age will be made.

Psy. 21—General Psychology.

Three lectures. Three credits.

The purpose of this course is to introduce to the students some generally accepted facts, principles and theories bearing upon the elements of behavior. Outside reading is required so as to give the student a broader view of human behavior.

SOCIOLOGY

Mr. Everett

Soc. 28—Introduction to Sociology.

Three lectures. Three credits.

The nature and development of culture; social aspects of personality; analysis of community life, population trends, social classes, institutions, processes, and organization; culture change.

Soc. 29—Rural Sociology.

Three lectures. Three credits.

(Prerequisite: six hours of social science or consent of instructor).
The nature of rural society; rural-urban contrasts; population trends and composition; migration, land policies, rural institutions, and social processes.

VOCATIONAL DEPARTMENT

Mr. Moore, Mr. Burkes

Holmes Junior College is offering Vocational Training to students who are interested in full-time Vocational or Trades Training work, and to regular enrolled college or high school students who want credit. The courses in the Vocational Department are so arranged that a student may enter at any time. This department is under the supervision of qualified instructors with practical training and experience.

Entrance requirements for the following courses are in no way dependent upon previous schooling or meeting entrance requirements for regular students. A fee of \$35.00 per calendar month is charged for this Department.

Description of Courses**Trade Edu. 11—Electricity.**

Three hours credit per semester.

Theory of the Electrostatic field and calculation of the forces in electrostatic field. Theory of magnetism, electro magnets and the magnetism of iron. Practical Lab. work in house and industrial wiring; both single and poly phase currents.

Trade Edu. 50—Auto Mechanics.

This course gives students actual experience in problems and techniques of various types of automotive equipment and tools through shop practice, lecture, and recitation. Engine overhauling, transmission, valve grinding, repairing and adjusting brakes, rear ends, and clutches, as well as others, are studied in the course. The duration of this course is 18 months or more.

Trade Edu. 60—Radio.

Radio maintenance and construction, electricity of radio, and design and operation of equipment. The student will become acquainted with all tools and necessary equipment for construction work in good shop practice, receiver and transmitter, circuit design and operation is given sound equipment. Receivers and transmitters are studied in addition to actual application of knowledge in upkeep of equipment. The duration of this course is eighteen months or more.

Trade Edu. 70—Television and F. M.

This course gives students actual experience in the construction and operation of television and F. M. receivers by actually building and operating such, also television and F. M. antennae will be constructed. Maintenance and repairs of television and F. M. receivers, necessary tools and equipment for the repairs will be studied, and the student made familiar with them.

Trade Edu. 80—General Electricity and Wiring.

Theory of magnetism, electro-magnets, and the magnetism of iron. The fundamental theory of alternating and direct current, wiring, both simple and poly phase currents, house and industrial electrical laws and interpretations, diagram wiring for all types of appliances. The study of the electrical code and its application, practical work in the field is a requirement. Actual wiring of buildings and homes is included. Line work with various types of switches, controls, transformer work, and other electrical devices are studied. The duration of this course is 18 months or more.

Trade Edu. 90—High Frequency Transmitters.

This course gives students actual practice in the construction, maintenance, and operation of high-frequency radio transmitters and antennas.
